

Search for relics of interstellar bubbles originated in LBVs progenitors

Cristina Elisabet Cappa^{1,2} , Silvina Cichowolski³ , Javier Vasquez^{2,1}

1 - Facultad de Ciencias Astronómicas y Geofísicas, Universidad Nacional de La Plata, Argentina

2 - Instituto Argentino de Radioastronomía, CONICET, Argentina

3 - Instituto de Astronomía y Física del Espacio, Argentina

The strong stellar winds of massive O stars swept-up and compress the surrounding interstellar gas creating interstellar bubbles in their environs. In this modified environment, massive stars evolve into Luminous Blue Variables (LBVs), which are the immediate progenitors of WR stars. Using medium angular resolution radio surveys we investigate the presence of relics of interstellar bubbles originated in the stellar winds of the O-type progenitors of a number of galactic LBVs.